

ABSTRACT OF THE DISCLOSURE

An apparatus for introducing a light beam into a pupil of an eye of a viewer, to thereby project an image onto a retina of the eye is disclosed, in which a light beam generator generates and outputs a light beam corresponding to the image, a scanning device scans the light beam output by the light beam generator, a guiding device guides the light beam scanned by the scanning device toward the pupil, and an angle modifying device modifies a pupil incident angle at which a center line of a scanning angle of the scanning device enters the pupil.